

IC CARD SECURE PERSONALIZATION METHOD

Abstract of the Disclosure

A method for an entity different than a manufacturer of an integrated circuit (IC) card to perform a secure personalization phase of the semi-finished IC card is provided. The semi-finished IC card includes a non-volatile memory storing an algorithm for processing data as a finite-state machine, and enabling the entity different from the IC card manufacturer to access the algorithm for storing personalization data and information in the non-volatile memory. The method includes performing a security authentication before enabling the algorithm to receive the personalization data and information, enabling the algorithm to receive the personalization data and information, and storing the personalization data and information in secret memory locations in the non-volatile memory according to a data structure and an access procedure hidden to the entity different from the manufacturer of the integrated circuit card. The enabling and storing may be repeated if the personalization data and information were not correct.